



# EVPÜ

NOTIFIED BODY No. 1293

## CERTIFICATE OF CONSTANCY OF PERFORMANCE

No. 1293 – CPR – 0685 Rev.1

In compliance with *Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR)*, this certificate applies to the construction product

**Analogue addressable optical smoke detector with integrated isolator  
BSR-6155**

For specifications see Annex to this certificate

placed on the market under the name or trade mark of

**Olympia Electronics N. Lakasas – P. Arvanitidis S.A.**  
**72nd klm old national road Thessaloniki - Katerini, 60300 Eginio, Greece**

and produced in the manufacturing plant

**Olympia Electronics N. Lakasas – P. Arvanitidis S.A.**  
**72nd klm old national road Thessaloniki - Katerini, 60300 Eginio, Greece**

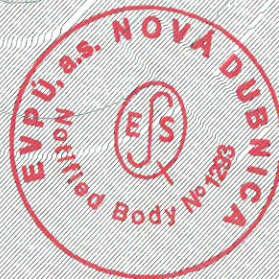
This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex ZA of the standards

**EN 54-7: 2018**  
**EN 54-17: 2005**  
**EN 54-17: 2005/AC: 2007**

under system 1 for the performance set out in this certificate are applied and that the factory production control conducted by the manufacturer is assessed to ensure the

**constancy of performance of the construction product.**

This certificate was first issued on May 25<sup>th</sup>, 2022 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified product certification body.



Nová Dubnica, May 25<sup>th</sup>, 2022  
054310

  
Michal Mišiak



## Annex to Certificate No. 1293 - CPR – 0685 Rev.1 from May 25<sup>th</sup>, 2022

### General Information:

The BSR-6155 is an analogue addressable smoke detector which integrates the function of optical smoke detection and it can work with any fire panel supports Olympia A Protocol. It integrates a short circuit isolation circuit which is automatically activated and disconnects the defective node from the remaining loop, allowing it to be located by the panel.

The detector sends to the main panel an analogue value which depends on the concentration of smoke.

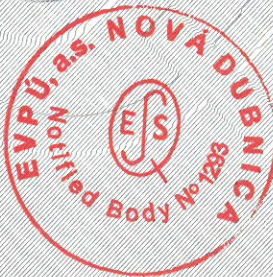
### Technical specifications:

Communication protocol	Olympia A Protocol
Main voltage	12-30 V DC
Indicators	alarm LED
Output	remote LED driver
Construction materials	ABS/PC
External dimensions	103 (d) x 48 (h) mm
typical weight	160 gr.

Essential characteristics	Harmonised technical specification		Performance
	EN 54-7:2018	EN 54-17: 2005 EN 54-17: 2005/ AC:2007	
Operational reliability	cl. 4.2.1 to 4.2.8	cl. 4	Pass
Nominal activation conditions / Sensitivity	cl. 4.3.1 to 4.3.3	---	Pass
Response delay (response time)	cl. 4.4.1, 4.4.2	---	Pass
Tolerance to supply voltage	cl. 4.5	---	Pass
Performance parameters under fire conditions	cl. 4.6	cl. 5.2	Pass
Durability of Nominal activation condition / Sensitivity: Temperature resistance	cl. 4.7.1.1, 4.7.1.2	cl. 5.4, 5.5	Pass
Durability of Nominal activation condition / Sensitivity: Humidity resistance	cl. 4.7.2.1, 4.7.2.2	cl. 5.6, 5.7	Pass
Durability of Nominal activation condition / Sensitivity: Corrosion resistance	cl. 4.7.3	cl. 5.8	Pass
Durability of Nominal activation condition / Sensitivity: Vibration resistance	cl. 4.7.4.1 to 4.7.4.4	cl. 5.9 to 5.12	Pass
Durability of Nominal activation condition / Sensitivity: Electrical stability	cl. 4.7.5	cl. 5.3, 5.13	Pass

### History of certification

No.	Certificate No.	Description	Date of issue
1	1293-CPR-0685	Original certificate issued	April 16 <sup>th</sup> , 2020
2	1293-CPR-0685 Rev.1	Testing according to the new edition of standard	May 25 <sup>th</sup> , 2022



Nová Dubnica, May 25<sup>th</sup>, 2022

  
Michal Mišiak